

OIKE

## RAW SEQUENCE LISTING

DATE: 01/16/2002

PATENT APPLICATION: US/09/987,655

TIME: 11:10:14

Input Set : N:\Crf3\RULE60\09987655.raw

Output Set: N:\CRF3\01162002\I987655.raw

1 <110> APPLICANT: Canne, Lynne  
 2 Kent, Stephen B.H.  
 3 Simon, Reyna  
 4 <120> TITLE OF INVENTION: Solid Phase Native Chemical Ligation of Unprotected or  
 5 N-Terminal Cysteine Protected Peptides in Aqueous  
 6 Solution  
 7 <130> FILE REFERENCE: GRFN-023/01US  
 8 <140> CURRENT APPLICATION NUMBER: 09/987,655  
 9 <141> CURRENT FILING DATE: 2001-11-15  
 10 <150> PRIOR APPLICATION NUMBER: 09/097,094  
 11 <151> PRIOR FILING DATE: 1998-06-12  
 12 <160> NUMBER OF SEQ ID NOS: 6  
 13 <170> SOFTWARE: PatentIn Ver. 2.0  
 15 <210> SEQ ID NO: 1  
 16 <211> LENGTH: 27  
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 18 <213> ORGANISM: Artificial Sequence  
 19 <220> FEATURE:  
 20 <223> OTHER INFORMATION: Description of Artificial Sequence:synthetic  
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 24 Lys Gly Cys Ala Asp Arg Lys Asn Ile Leu Ala  
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 28 <211> LENGTH: 68  
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 31 <220> FEATURE:  
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 37 20 25 30  
 38 Lys His Gly Cys Gly Phe Arg Val Arg Glu Phe Gly Asp Asn Thr Ala  
 39 35 40 45  
 40 Cys Ala Asp Pro Ser Glu Glu Trp Val Gln Lys Tyr Val Ser Asp Leu  
 41 50 55 60  
 42 Glu Leu Ser Ala  
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 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 73  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Homo sapiens  
 49 <400> SEQUENCE: 3  
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51          1          5          10          15
52    Val Lys Lys Cys Cys Tyr Asp Gly Ala Cys Val Asn Asn Asp Glu Thr
53          20          25          30
54    Cys Glu Gln Arg Ala Ala Arg Ile Ser Leu Gly Pro Lys Cys Ile Lys
55          35          40          45
56    Ala Phe Thr Glu Cys Cys Val Val Ala Ser Gln Leu Arg Ala Asn Ile
57          50          55          60
58    Ser His Lys Asp Met Gln Leu Gly Arg
59          65          70
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 115
63 <212> TYPE: PRT
64 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 4
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68    Asp Gly Phe Leu Ser Glu Leu Thr Gln Leu Ala Gln Ala Thr Gly
69          20          25          30
70    Lys Pro Pro Gln Tyr Ile Ala Val His Val Val Pro Asp Gln Leu Met
71          35          40          45
72    Ala Phe Gly Gly Ser Ser Glu Pro Cys Ala Leu Cys Ser Leu His Ser
73          50          55          60
74    Ile Gly Lys Ile Gly Gly Ala Gln Asn Arg Ser Tyr Ser Lys Leu Leu
75          65          70          75          80
76    Cys Gly Leu Leu Ala Glu Arg Leu Arg Ile Ser Pro Asp Arg Val Tyr
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80    Thr Phe Ala
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84 <211> LENGTH: 118
85 <212> TYPE: PRT
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91          20          25          30
92    Arg Gly Thr Pro Lys Asp Gly Thr Asp Trp Cys Cys Trp Ala His Asp
93          35          40          45
94    His Cys Tyr Gly Arg Leu Glu Lys Gly Cys Asn Ile Arg Thr Gln
95          50          55          60
96    Ser Tyr Lys Tyr Arg Phe Ala Trp Gly Val Val Thr Cys Glu Pro Gly
97          65          70          75          80
98    Pro Phe Cys His Val Asn Leu Cys Ala Cys Asp Arg Lys Leu Val Tyr
99          85          90          95
100   Cys Leu Lys Arg Asn Leu Arg Ser Tyr Asn Pro Gln Tyr Gln Tyr Phe
101          100          105          110

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106 <211> LENGTH: 10  
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111 <400> SEQUENCE: 6  
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VERIFICATION SUMMARY

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